Preparing Tomorrow's Teachers to Use Technology - 2005PM

CFDA Number: <u>84.342</u> - Preparing Tomorrow's Teachers to Use Technology

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Goal 8: To improve the knowledge and ability of future teachers to use technology in teaching practices and student learning opportunities, and to improve the quality of teacher preparation programs.

Objective 8.1 of 2: Strengthen teacher preparation programs so that they provide high-quality training in the use of technology for instructional purposes.

Indicator 8.1.1 of 2: Curriculum redesign: The percentage of funded teacher preparation programs that redesign their curriculum to incorporate best practices in the use of technology in teacher education.

Targets and Performance Data						Assessment of Progress	Sources and Data Quality
Percentage of programs							**Additional Source Information:** Project Performance Reports.
Year	**Actual Performance**			**Performance Targets**		**Explanation:** Curriculum design is a priority for many Implementation projects, and some had completed redesign before this reporting period. The cumulative percent of Implementation projects that have redesigned curriculum as a grant activity since the beginning of the program is ninety-one percent (91%).	
	Capacity Building Projects	Implementation Projects	Catalyst Projects	Capacity Building Projects	Implementation Projects	Catalyst Projects	
2000	78	82					**Frequency:** Annually. **Collection Period:** 2003 **Data Available:** December 2004 **Validated By:** No formal verification.
2001		87	66		89	68	
2002		84	68		89	68	
2003					89	69	**Limitations:** Performance report data will be self-reported from program grantees. ED does not collect national level baseline data for this indicator.

Indicator 8.1.2 of 2: Technology-proficient faculty: The percentage of faculty members in funded teacher preparation programs that effectively use technology in their teaching.

Targets and Performance Data						Assessment of Progress	Sources and Data Quality
Percentage of faculty members						**Explanation:** Implementation projects are using various methods to assess technology proficiency, including self-assessment, observation, and other methods such as exams and portfolios.	**Source:** Performance Report **Contractor Performance Report**
Year	**Actual Performance**			**Performance Targets**			
	Capacity Building Projects	Implementation Projects	Catalyst Projects	Capacity Building Projects	Implementation Projects	Catalyst Projects	**Additional Source Information:** Project Performance Reports.
2000	56	53					**Frequency:** Annually. **Collection Period:** 2002 **Data Available:** December 2003 **Validated By:** No formal verification.
2001		61			63		
2002		62			63		**Limitations:** Performance report data will be self-reported from program grantees. ED does not collect national level baseline data for this indicator.
2003					63		

Objective 8.2 of 2: Increase the technology skills and proficiency of new teachers for improved classroom instruction.

Indicator 8.2.1 of 1: Technology-proficient new teachers: The percentage of new teachers who are proficient in using technology and integrating technology into instructional practices.			
Targets and Performance Data		Assessment of Progress	Sources and Data Quality
Percentage of students assessed that demonstrated proficiency in using technology		**Explanation:** Fifty-nine percent (59%)	**Additional Source Information:** Project Performance
Year	**Actual Performance** / **Performance Targets**		
	Capacity / Capacity		

	Building Projects	Projects	Projects	Building Projects	Projects	Projects
2000	42	32				
2001		34	38		36	40
2002		29	19		36	40
2003					36	40

of Implementation projects required preservice teachers to demonstrate technology as a grant activity during the reporting period and an additional thirty-one percent (31%) required proficiency but not as a grant activity. Implementation grantees are assessing a growing number of graduating students for technology proficiency.

Reports

Frequency: Annually. **Collection Period:** 2002 **Data Available:** December 2003 **Validated By:** No formal verification. Evaluation data collection will be verified by on-site monitoring and review as well as survey and analysis performed by an experienced data collection agency with internal review procedures.

Limitations: Performance report data will be self-reported from program grantees.

PPMD Source: 2005PM